

TRANSPET™ B2-F

DESCRIPTION:

TransPet B2-F is a transparent polyester packaging film that is solvent coated on both sides with a PVDC copolymer. The coating is heat sealable and provides excellent moisture and oxygen barrier.

FDA STATUS:

Manufactured with materials compliant with FDA regulations, not to exceed 250°F.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE			TEST METHOD
		50	75	100	
Thickness	Gauge	50	75	100	-
Yield (nominal)	in ² /lb.	35,100	23,800	19,800	-
Tensile Strength at Break MD	kpsi	27	25	26	ASTM D882A
Tensile Strength at Break TD	Kpsi	33	33	36	ASTM D882A
Elongation at Break MD	%	110	130	130	ASTM D882A
Elongation at Break TD	%	70	70	75	ASTM D882A
Heat Seal Strength Coat/Coat	g/in.	200	200	200	5 sec at 20psi. at 250°F
Modulus (stiffness)	kpsi	500	500	500	ASTM D882
Gloss (20°)	%	140	140	140	ASTM F2457
Haze	%	7.0	8.0	2.5	ASTM D1003
Gas Permeability (O ₂ /24 hr)	cc/100 in ²	0.7	0.7	0.7	ASTM D3985 22°C / 50% RH/1 ATM
Water Vapor Transmission Rate	g/100 in ² /24 hr	0.7	0.7	0.7	ASTM F1249 38°C, 90% RH
Surface Tension	Dyne	52	52	52	ASTM D278

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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